

Amendments To The Claims

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Claims 1-15 (Canceled)

16. (Previously Presented) An electrode assembly for a portable 12-lead ECG signaling device, said electrode assembly comprising a thin, flexible electrode support supporting a plurality of electrodes (V₁, V₂, V₃, V₄, V₅ and V₆, LA, RA, LL) at least some of which are constructed on the electrode support in proper spaced relationship for producing electrical contact with respective areas of a patient's chest for producing an electrocardiogram when the electrode assembly is placed directly against the patient's chest; wherein:

the flexible support comprises a plurality of foldable sections that fixedly support the electrodes thereon and open out to form a substantially flat base that is placeable against the patient's chest so that those of said electrodes that are in proper spaced relationship for producing electrical contact with respective areas of a patient's chest simultaneously contact the respective areas of the patient's chest without requiring adjustment or

calibration, and whereby the electrode assembly can be folded into a compact unit prior to or after use, and

one of the foldable sections is provided with a flap for tucking into a slot in another one of said sections, whereby the electrode assembly can be folded into a self-contained compact unit prior to use.

17. (Previously Presented) An electrode assembly for a portable 12-lead ECG signaling device, said electrode assembly comprising a thin, flexible electrode support supporting a plurality of electrodes (V1, V2, V3, V4, V5 and V6, LA, RA, LL) at least some of which are constructed on the electrode support in proper spaced relationship for producing electrical contact with respective areas of a patient's chest for producing an electrocardiogram when the electrode assembly is placed directly against the patient's chest; wherein:

the flexible support comprises a plurality of foldable sections that fixedly support the electrodes thereon and open out to form a substantially flat base that is placeable against the patient's chest so that those of said electrodes that are in proper spaced relationship for producing electrical contact with respective areas of a patient's chest simultaneously contact the respective areas of the patient's chest without requiring adjustment or

calibration, and whereby the electrode assembly can be folded into a compact unit prior to or after use, and

there is joined to at least one of the foldable sections a serpentine strip supporting thereon one of said electrodes (RA).

Claims 18-28. (Canceled)

29. (Currently Amended) An electrode assembly for a portable 12-lead ECG signaling device, comprising.

a thin, flexible electrode support that is foldable into a compact unit prior to or after use, said electrode support supporting at least six electrodes (V1, V2, V3, V4, V5 and V6) wholly constructed on the electrode support in proper mutual spaced relationship for producing electrical contact each with a correct respective area of a patient's chest when the leads V1 and V2 are substantially symmetrically disposed about his or her vertebrae for producing a 12-lead electrocardiogram when the electrode assembly is placed flat against the patient's chest; and

limb electrodes (LA, RA, LL) fixedly attached at one end thereof to the electrode support and having a second end displaceable from the electrode support for locating proximate a patient's limb[[.]];

wherein the electrode support has a plurality of foldable sections one of which is provided with a flap for tucking into a slot in another one of said sections, whereby the electrode assembly can be folded into a self-contained compact unit prior to use.

30. (Currently Amended) [[The]] A wallet having the electrode assembly according to claim 29 integrally embedded therein, being embedded within a wallet.

Claim 31. (Canceled)

32. (Previously Presented) The electrode assembly according to claim 29, wherein there is joined to the electrode support a serpentine strip supporting thereon one of said electrodes (RA).

33. (Previously Presented) The electrode assembly according to claim 29, wherein the electrodes are formed by a screen-printing technique.

34. (Previously Presented) The electrode assembly according to claim 29, including a plurality of electrode arrays dimensioned for different sized patients and an ECG lead switching and weighting network coupled to said a plurality of electrode arrays for selecting a respective electrode in each electrode array.

35. (Previously Presented) The electrode assembly according to Claim 34, wherein some of said electrode arrays are for male use exclusively and others are for female use exclusively.

36. (Previously Presented) The electrode assembly according to claim 29, further including a connector for removably connecting to the electrode assembly an electronic circuit.

37. (Previously Presented) The electrode assembly according to Claim 36, being adapted for one time use.

38. (Previously Presented) An ECG signaling device comprising an electrode assembly according to claim 29.

39. (Previously Presented) The device according to claim 38, including a vocalizing unit for producing an acoustic signal representative of the patient's ECG.

40. (Previously Presented) The device according to claim 39, including digital circuitry for producing a digital signal representative of the patient's ECG.

41. (Currently Amended) [[The]] A wallet having the device according to claim 38 integrally embedded therein,
~~being integrally embedded within a wallet.~~

42. (New) An electrode assembly for a portable 12-lead ECG signaling device, comprising:

a thin, flexible electrode support that is foldable into a compact unit prior to or after use, said electrode support supporting at least six electrodes (V1, V2, V3, V4, V5 and V6) wholly constructed on the electrode support in proper mutual spaced relationship for producing electrical contact each with a correct respective area of a patient's chest when the leads V1 and V2 are substantially symmetrically disposed about his or her vertebrae for producing a 12-lead electrocardiogram when the electrode assembly is placed flat against the patient's chest;

limb electrodes (LA, RA, LL) fixedly attached at one end thereof to the electrode support and having a second end displaceable from the electrode support for locating proximate a patient's limb;

a plurality of electrode arrays dimensioned for different sized patients and an ECG lead switching and weighting network coupled to said a plurality of electrode arrays for selecting a respective electrode in each electrode array.

43. (New) The electrode assembly according to claim 42, wherein the electrodes are formed by a screen-printing technique.

44. (New) The electrode assembly according to claim 42, wherein there is joined to the electrode support a serpentine strip supporting thereon one of said electrodes (RA) .

45. (New) The electrode assembly according to claim 42, wherein some of said electrode arrays are for male use exclusively and others are for female use exclusively.

46. (New) The electrode assembly according to claim 42, further including a connector for removably connecting to the electrode assembly an electronic circuit.

47. (New) The electrode assembly according to claim 42, being adapted for one time use.

48. (New) A wallet having the electrode assembly according to claim 42 integrally embedded therein.

49. (New) An ECG signaling device comprising an electrode assembly according to claim 42.

50. (New) The device according to claim 49, including a vocalizing unit for producing an acoustic signal representative of the patient's ECG.

51. (New) The device according to claim 50, including digital circuitry for producing a digital signal representative of the patient's ECG.

52. (New) A wallet having the device according to claim 49 integrally embedded therein.

53. (New) An electrode assembly for a portable 12-lead ECG signaling device, comprising:

a thin, flexible electrode support that is foldable into a compact unit prior to or after use, said electrode support supporting at least six electrodes (V1, V2, V3, V4, V5 and V6) wholly constructed on the electrode support in proper mutual spaced relationship for producing electrical contact each with a correct respective area of a patient's chest when the leads V1 and V2 are substantially symmetrically disposed about his or her vertebrae for producing a 12-lead electrocardiogram when the electrode assembly is placed flat against the patient's chest; and

limb electrodes (LA, RA, LL) fixedly attached at one end thereof to the electrode support and having a second end displaceable from the electrode support for locating proximate a patient's limb;

wherein there is joined to the electrode support a serpentine strip supporting thereon one of said electrodes (RA) .

54. (New) The electrode assembly according to claim 53, wherein the electrodes are formed by a screen-printing technique.

55. (New) The electrode assembly according to claim 53, wherein some of said electrode arrays are for male use exclusively and others are for female use exclusively.

56. (New) The electrode assembly according to claim 53, further including a connector for removably connecting to the electrode assembly an electronic circuit.

57. (New) The electrode assembly according to claim 53, being adapted for one time use.

58. (New) A wallet having the electrode assembly according to claim 53 integrally embedded therein.

59. (New) An ECG signaling device comprising an electrode assembly according to claim 53.

60. (New) The device according to claim 59, including a vocalizing unit for producing an acoustic signal representative of the patient's ECG.

61. (New) The device according to claim 60,
including digital circuitry for producing a digital signal
representative of the patient's ECG.

62. (New) A wallet having the device according to
claim 59 integrally embedded therein.